

TABLE 4
ESTIMATED ACTIVE PILOT CERTIFICATE HELD
BY CLASS OF CERTIFICATE
DECEMBER 31, 1989 - 1998

CLASS OF CERTIFICATE	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989
Total--All Pilots	618,291	616,342	622,261	639,184	654,088	665,069	682,959	692,095	702,659	700,010
Student --Total	97,737	96,101	94,947	101,279	96,254	103,583	114,597	120,203	128,663	142,544
Recreational	305	284	265	232	241	206	187	161	87	NA
Airplane 1/										
Private --Total	247,225	247,604	254,002	261,399	284,236	283,700	288,078	293,306	299,111	293,179
Private Airplane (only)	241,590	242,011	248,377	255,780	273,051	272,382	276,713	282,047	288,035	282,540
Private Airplane, Private Glider	3,745	3,735	3,791	3,755	4,039	4,014	4,030	4,113	4,144	4,049
Private Airplane, Commercial Glider	----	----	----	----	938	920	893	878	841	807
Private Airplane, Private Gyroplane	42	48	46	43	32	25	28	20	22	31
Private Airplane, Private Helicopter	1,756	1,720	1,712	1,749	1,835	1,792	1,731	1,722	1,592	1,459
Private Airplane, Private Glider, Private Helicopter	80	82	66	63	67	67	68	71	67	58
Private Airplane, Commercial Helicopter	----	----	----	----	4,215	4,446	4,561	4,405	4,357	4,186
Private Airplane, Private Glider, Commercial Helicopter	----	----	----	----	35	31	37	35	36	30
Private Airplane, Commercial Glider, Commercial Helicopter	----	----	----	----	14	16	15	14	15	17
Private Airplane, Commercial Gyroplane, Commercial Helicopter	----	----	----	----	10	7	2	1	2	2
Private Airplane-other	12	8	10	9	N/A	N/A	N/A	N/A	N/A	N/A
Commercial--Total	122,046	125,300	129,187	133,980	138,728	143,014	146,385	148,365	149,666	144,540
Commercial Airplane (only)	101,643	104,533	107,853	111,837	119,915	123,967	126,797	128,207	128,628	123,612
Commercial Airplane, Private Glider	1,743	1,791	1,823	1,898	1,968	1,976	2,055	2,072	2,081	2,057
Commercial Airplane, Commercial Glider	3,094	3,232	3,330	3,406	3,558	3,560	3,630	3,645	3,776	3,685
Commercial Airplane, Commercial Gyroplane, Commercial Glider	7	7	5	4	5	3	1	2	2	3
Commercial Airplane, Private Helicopter	540	519	519	518	482	465	401	379	348	325
Commercial Airplane, Commercial Glider, Private Helicopter	41	42	41	40	33	29	27	26	28	27
Commercial Airplane, Commercial Helicopter	9,659	9,891	10,215	10,647	12,054	12,303	12,767	13,316	14,036	14,085
Commercial Airplane, Private Glider, Commercial Helicopter	139	142	145	163	157	157	149	146	163	154
Commercial Airplane, Commercial Glider, Commercial Helicopter	470	462	481	487	489	487	509	518	543	535
Commercial Airplane, Commercial Helicopter, Commercial Gyroplane	15	17	20	27	27	25	18	19	20	19
Commercial Airplane, Commercial Gyroplane	25	26	24	27	28	30	20	25	31	27
Commercial Airplane, Commercial Gyroplane, Commercial Helicopter Commercial Glider	8	7	10	13	12	12	11	10	10	11
Commercial Helicopter, Private Airplane	3,642	3,621	3,697	3,892	----	----	----	----	----	----
Commercial Helicopter, Private Airplane, Private Glider	33	32	32	35	----	----	----	----	----	----
Commercial Helicopter, Private Airplane, Commercial Glider	19	18	17	14	----	----	----	----	----	----
Commercial Helicopter, Private Airplane, Commercial Gyroplane	6	8	8	9	----	----	----	----	----	----
Commercial Glider, Private Airplane	584	576	572	581	----	----	----	----	----	----
Commercial Balloon, Private Airplane	233	233	245	251	----	----	----	----	----	----
Commercial Balloon, Private Airplane										

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Private Helicopter	4	6	8	8	----	----	----	----	----	----
Commercial Balloon, Private Airplane										
Private Glider	27	28	24	21	----	----	----	----	----	----
Commercial Balloon, Private Airplane										
Private Gyroplane	1	1	1	1	----	----	----	----	----	----
Commercial Airplane-other	113	108	117	101	N/A	N/A	N/A	N/A	N/A	N/A
Airline Transport --Total	134,612	130,858	127,486	123,877	117,434	117,070	115,855	112,167	107,732	102,087
Airline Transport Airplane (only)	130,513	126,792	123,429	119,817	115,200	114,863	113,692	110,131	105,830	100,317
Airline Transport Airplane,										
Airline Transport Helicopter	2,391	2,355	2,351	2,325	2,234	2,207	2,163	2,036	1,902	1,770
Airline Transport Airplane-other	1,708	1,711	1,706	1,735	N/A	N/A	N/A	N/A	N/A	N/A
Rotorcraft (only) 2/-Total	6,964	6,801	6,961	7,183	8,719	9,168	9,652	9,860	9,567	8,863
Private Gyroplane	28	27	23	21	15	17	16	15	11	12
Private Helicopter	1,977	1,860	1,801	1,845	2,046	1,933	1,917	1,864	1,572	1,264
Commercial Helicopter	4,404	4,360	4,575	4,762	6,160	6,684	7,199	7,469	7,524	7,116
Commercial Helicopter, Private										
Glider	1	3	2	4	6	5	5	7	4	6
Commercial Helicopter, Commercial										
Glider	4	3	2	3	4	6	4	2	3	2
Commercial Gyroplane	3	2	2	3	3	2	1	1	2	1
Commercial Helicopter, Commercial										
Gyroplane	1	1	2	2	2	2	2	2	2	1
Airline Transport Helicopter	530	532	543	538	483	519	508	500	449	461
Recreational Gyroplane	8	7	----	----	----	----	----	----	----	----
Rotorcraft-other	8	6	11	5	N/A	N/A	N/A	N/A	N/A	N/A
Glider (only) 3,4/-Total	9,402	9,394	9,413	11,234	8,476	8,328	8,205	8,033	7,833	7,708
Private Glider	8,249	8,242	8,247	9,118	7,357	7,210	7,090	6,929	6,773	6,652
Commercial Glider	1,153	1,152	1,166	2,115	1,119	1,118	1,115	1,104	1,060	1,056
Glider-other	----	----	----	1	N/A	N/A	N/A	N/A	N/A	N/A
Lighter-Than-Air 4,5/	5/	5/	5/	5/	5/	5/	5/	5/	5/	1,089
Flight Instructor Certificates 6/	79,171	78,102	78,551	77,613	76,171	75,021	72,148	69,209	63,775	61,472
Instrument Ratings 6,7/	300,183	297,409	297,895	298,798	302,300	305,517	306,169	303,193	297,073	282,804

1/ Includes pilots with an airplane only certificate. Also includes those with an airplane and a helicopter and/or glider certificate. Prior to 1995, these pilots were categorized as private, commercial, or airline transport, based on their airplane certificate. In 1995 and after, they are categorized based on their highest certificate. For example, if a pilot holds a private certificate and a commercial helicopter certificate, prior 1995, the pilot would be categorized as private; 1995 and after as commercial.

1/ See table 7 for the total number of pilots with a helicopter certificate.

3/ See table 8 for the total number of pilots with a glider certificate.

4/ Glider and lighter-than-air pilots are not required to have a medical examination; however, the totals above represent pilots who received a medical examination within the last 25 months.

5/ Lighter-than-air type ratings are no longer being issued.

6/ Not included in total.

7/ Special ratings shown on pilot certificates, do not indicate additional certificates.

N/A Not available. Recreational certificate first issued in 1990.